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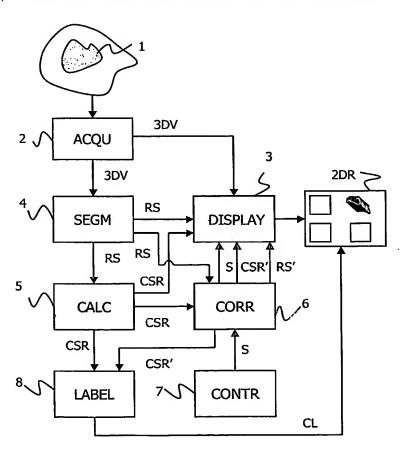
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(54) Title: MEDICAL IMAGING SYSTEM AND A METHOD FOR SEGMENTING AN OBJECT OF INTEREST.



(57) Abstract: The invention concerns a medical imaging system comprising means (4) of segmenting a region of interest around an object of interest within a volume of 3D data (3DV). The system according to the invention comprises means (5) of calculating a sub-regions map (CSR) within the segmented region (RS) and correction means (6) intended to exclude sub-regions of the segmented region by means of said sub-regions map (CSR). The correction can be made automatically or manually by means of control means (7) enabling a user to select the sub-regions to be excluded. Display means (3) make it possible to display a 2D representation (2DR) of the volume of 3D data (3DV) and the segmented region (RS, RS') at various stages of the processing.



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